

BEAM POWER TUBE



GENERAL DATA		
	Electrical:	
	Heater, for Unipotential Cathode: Voltage	
	Characteristics, Class A ₁ Amplifier:	
	Plate Voltage	
	Mechanical:	
	Mounting Position Vertical, base up or down, or Horizontal with pins 2 and 7 in vertical plane Maximum Overall Length	
	Basing Designation for BOTTOM VIEW	
	Pin 1 - No Connection Pin 2 - Heater Pin 3 - Cathode, Grid No.3 Pin 4 - Same as Pin 1 Pin 5 - Grid No.1 Pin 6 - Same as Pin 1 Pin 7 - Heater Pin 8 - Grid No.2 Cap - Plate	
•	O without external shield. * These values can be measured by a method involving a recurrent wave form such that the cathode current and grid-No.2 input will be kept within ratings in order to prevent damage to the tube.	





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HORIZONTAL DEFLECTION AMPLIFIER			
Maximum Ratings, Design-Center Values Except as Noted:			
For operation in a 525-line, 30-frame system			
IPEAK POSITIVE-PULSE PLATE VOLTAGE	ax. volts		
(Absolute maximum)	ax. volts		
PEAK NEGATIVE-PULSE PLATE VOLTAGE 1500 mg	ax. volts		
TOC GRID-NO.2 (SCREEN) VOLTAGE 350 ma	ax. volts		
CATHODE CURRENT:	ax. volts		
	ax. ma		
	ax. ma		
GRID-No.2 INPUT 3.2 ma	ax. watts,		
PEAK HEATER-CATHODE VOLTAGE:	ax. watts		
Heater negative with respect to cathode . 200 ma	ax. volts		
BULB TEMPERATURE (At hottest point	ax. volts		
on bulb surface)	ax. °C		
Maximum Circuit Values: Grid-No.1-Circuit Resistance: For grid-resistor-bias operation† 0.47 ma	ax. megohm		
As described in "Standards of Good Engineering Practice Television Broadcast Stations", Federal Communications Communication Communication of the Voltage pulse must not exceed 15 per chorizontal scanning cycle. In a 525-line, 30-frame syst cent of one horizontal scanning cycle is 10 microseconds. It is essential that the plate dissipation be limited in the loss of grid signal. For this purpose, some protective mean cathode resistor of suitable value should be employed. The dc component must not exceed 100 volts.	mission. ded. cent of one em, 15 per		

CURVES

for Type 19BG6-GA are the same as those shown for Type 6BG6-G $\,$